

## CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

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SECURITY INFORMATION

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COUNTRY	East Germany	REPORT	
SUBJECT	VEB Askania Wetzow Production and Organization	DATE DISTR.	30 April 1953
DATE OF INFO.		NO. OF PAGES	3
PLACE ACQUIRED		REQUIREMENT NO.	RD 25X1
		REFERENCES	

This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.  
THE APPRAISAL OF CONTENT IS TENTATIVE.  
(FOR KEY SEE REVERSE)

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2. Normal Production Items of VEB Askania

- a. Nautical Compasses - 200 mm - about 20 per month  
125 mm - about 50 per month  
75 mm - about 100 per month.

These are a fluid flush-top type of compass (Flachdeckel-kompass). There have been difficulties in obtaining material for prisms and in countering inertia in the mechanism.

b. Clear-View Discs (Klarsichtscheibe)

About 100 a month.

These are glass discs, revolved at a high speed by electrical means, thus removing water, etc., by centrifugal force.

c. Patent Logs - about 10 per month.

This is a simple log with rotating vanes, line, stabilizer, and speedometer.

d. Electric-Sounding Device (Elektrolot)

5,000 have been made; a further 75,000 have been ordered. These consist of a small bomb-shaped missile containing TNT which is thrown overboard and explodes on the sea bottom. Depth is computed by the time it takes for the effect of the explosion to reach the surface.

25 YEAR RE-REVIEW

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e. Deep-Sea Sounding Machines (Tiefseelot)

A few are being made under special contract, it is believed for the Russians.

f. Sounding Leads (Handlot) - 40 per month are being made.g. Deep-Sea Thermometer - 10 per week are being made.h. Ships' Wheels and Steering Apparatus (hand operated).

15 per month.

i. Deep-Sea Tide Register (Hochseepiegel)

25 have now been made, a further 12 are under construction.

j. Current Register (Paddle Type) (Schaufelrad Stromungsmesser)

60 are being made on a Russian order.

## k. In addition to the items of nautical and oceanographic use listed above, Askania also makes test equipment as follows:

Shaking-test apparatus (Ruettelpruefstand)

90 cycles/second - 20 per month  
300 " - 20 per month  
600 " - 16 are being made.

(Development of this item has just been completed).

Balancing machine (Auswuchtmaschine)

5 kg - 16 per month  
50 kg - 8 - 10 per month  
2,000 kg - 1 - 2 per month  
30,000 kg - 2 are being constructed for the USSR.

Apparatus to test resistance to jarring (Schlag-Pruefstand)

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2. Development Work

## a. A photomagnetic compass is being developed; 25X1

b. Askania has been concerned in the development of a gyrocompass (Kreisel Kompass), although early in 1952 it was decided by the Buero fuer Wirtschaftsfragen (BfW) that the responsibility for further development and design of this compass should pass to Funkwerk Koepenick. Prototypes have been under test since the beginning of the year, and it is the general belief in Askania that the preliminary trials have been completed and that actual test runs are now being undertaken at Stralsund.

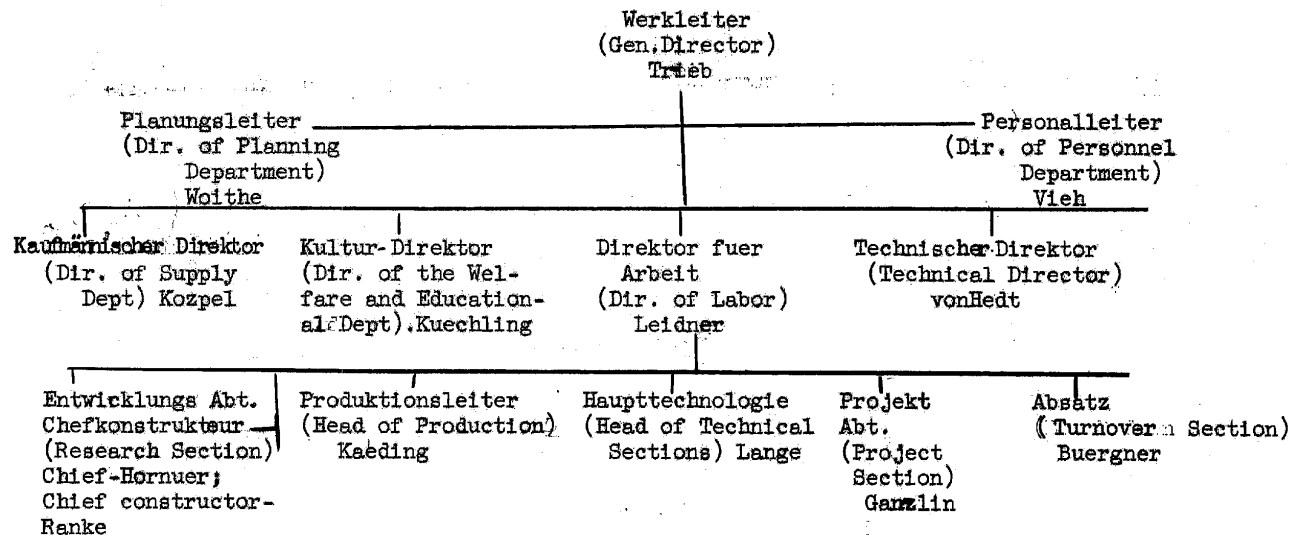
c. Various types of regulators (Regelgeraete) are being developed.<sup>1</sup>

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3. Organizational Chart of the Askania PlantSubdivisions of the Production and Technical Departments

These departments are loosely divided into the following subdivisions:

Production Department

Turning shop; Assembling shop; Adjustments; Mechanical Workshop; Compasses; special section.

Technical Department

Instruments building section; Instruments construction; Technology.

1.  Comment: No development work on ships' radar or underwater detection gear is  in progress at Askania.

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